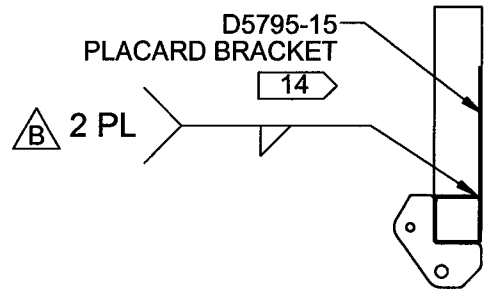
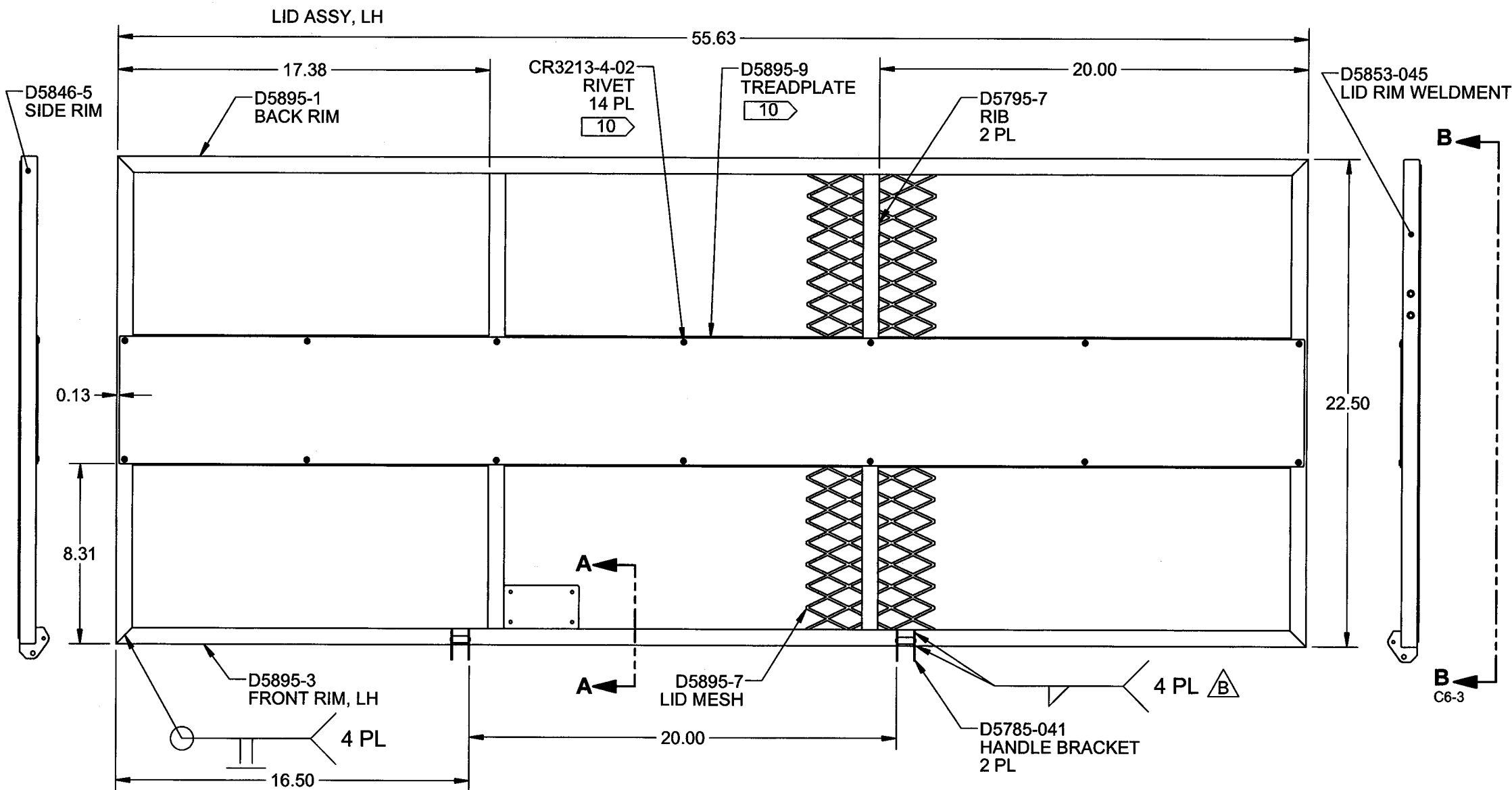


QTY -041	P/N	DESCRIPTION
X	D5895-041	LID ASSY, LH
2	D5785-041	HANDLE BRACKET
2	D5795-7	RIB
1	D5795-15	PLACARD BRACKET
2	D5811-5	STRINGER
1	D5846-5	SIDE RIM
1	D5853-045	LID RIM WELDMENT
2	D5892-1	RIB
1	D5895-1	BACK RIM
1	D5895-3	FRONT RIM, LH
2	D5895-5	STRINGER
1	D5895-7	LID MESH
1	D5895-9	TREADPLATE
14	CR3213-4-02	RIVET, CHERRY MAX



**SECTION A-A**  
SCALE 2X



**D5895-041 LID ASSY, LH**  
(DERIVED FROM AERO DESIGN P/N 90612-01-02)  
(MESH SHOWN LOCALLY FOR CLARITY)

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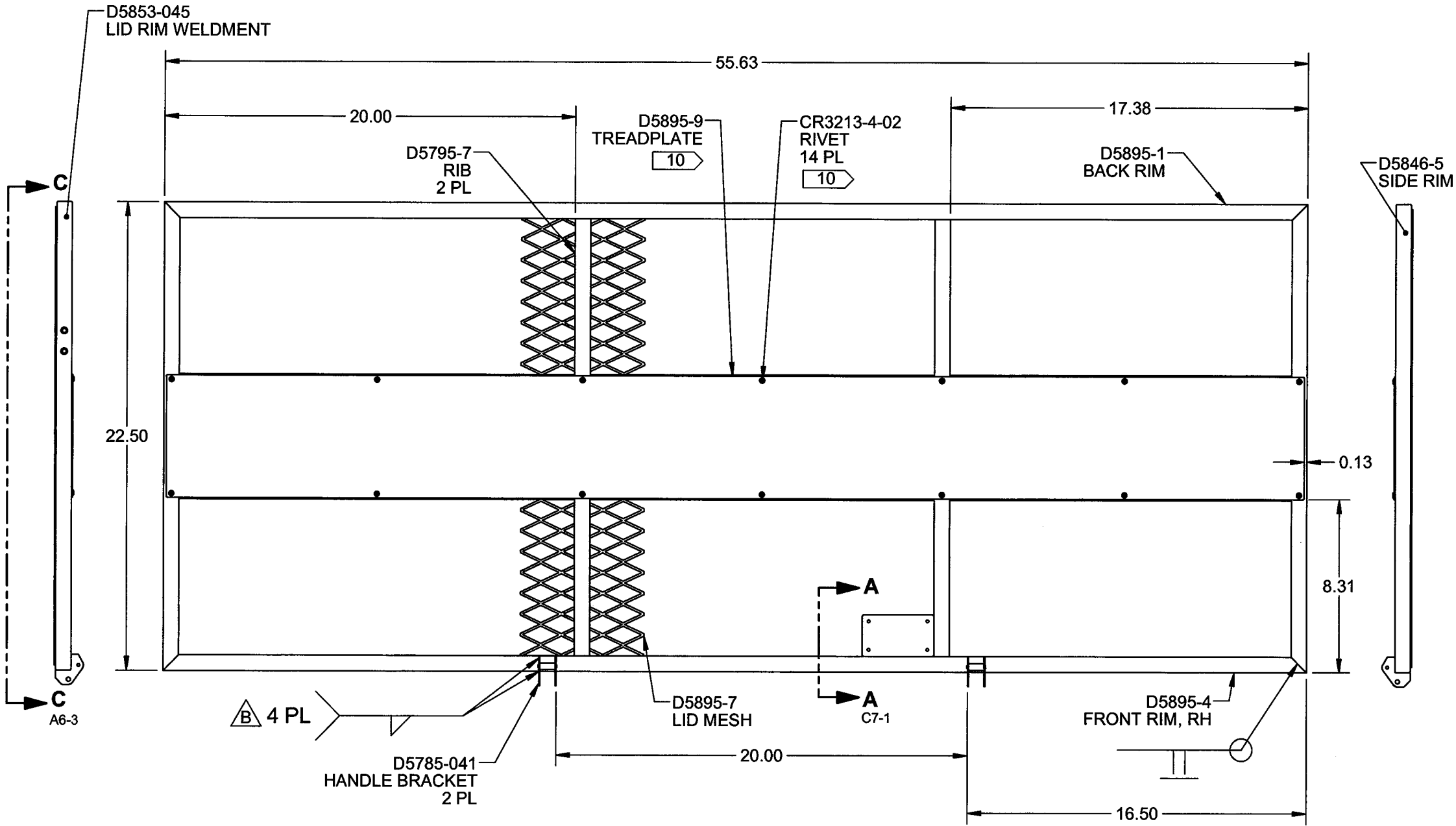
43 ECR 21-133

**NOTES:**

- 1) MATERIAL: N/A
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER DART QSI 044 6.1
- 7) WEIGHT: 13.66 lbs
- 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS.
- 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
- 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES Ø0.129 +0.003 / -0.000 FROM TREADPLATE TO LID. FAY SEAL SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH CR3213-4 RIVETS.
- 11) WELD EVERY MESH INTERSECTION ALONG RIM.
- 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END, THEN EVERY 2ND MESH INTERSECTION MINIMUM.
- 13) ALIGN STRINGERS TO TOP OF LID.
- 14) LOCATE D5795-15 PLACARD BRACKET FLUSH WITH BOTTOM OF LID. TRIM MESH TO CLEAR BRACKET LEAVING 0.25 OVERLAP. WELD MESH TO BRACKET.

B	SHT 1 ZNB2: UPDATED WELD SYMBOL. SHT 2 ZNB6: UPDATED WELD SYMBOL. SHT 4&5: UPDATED NOTE 1. SHT 6: ADDED NOTE 8	JC	20.12.04
A	NEW ISSUE	ZF	20.04.08
REV.	DESCRIPTION	BY	DATE
DESIGN	WO	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. <b>D5895</b>	
MFG. APPR.	DD	REV. B SHEET 1 OF 7	
APPROVED	CP	TITLE <b>LID ASSY</b>	
DE APPR.	CP	SCALE NTS	
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QTY -042	P/N	DESCRIPTION
X	D5895-042	LID ASSY, RH
2	D5785-041	HANDLE BRACKET
2	D5795-7	RIB
1	D5795-15	PLACARD BRACKET
2	D5811-5	STRINGER
1	D5846-5	SIDE RIM
1	D5853-045	LID RIM WELDMENT
2	D5892-1	RIB
1	D5895-1	BACK RIM
1	D5895-4	FRONT RIM, RH
2	D5895-5	STRINGER
1	D5895-7	LID MESH
1	D5895-9	TREADPLATE
14	CR3213-4-02	RIVET, CHERRY MAX

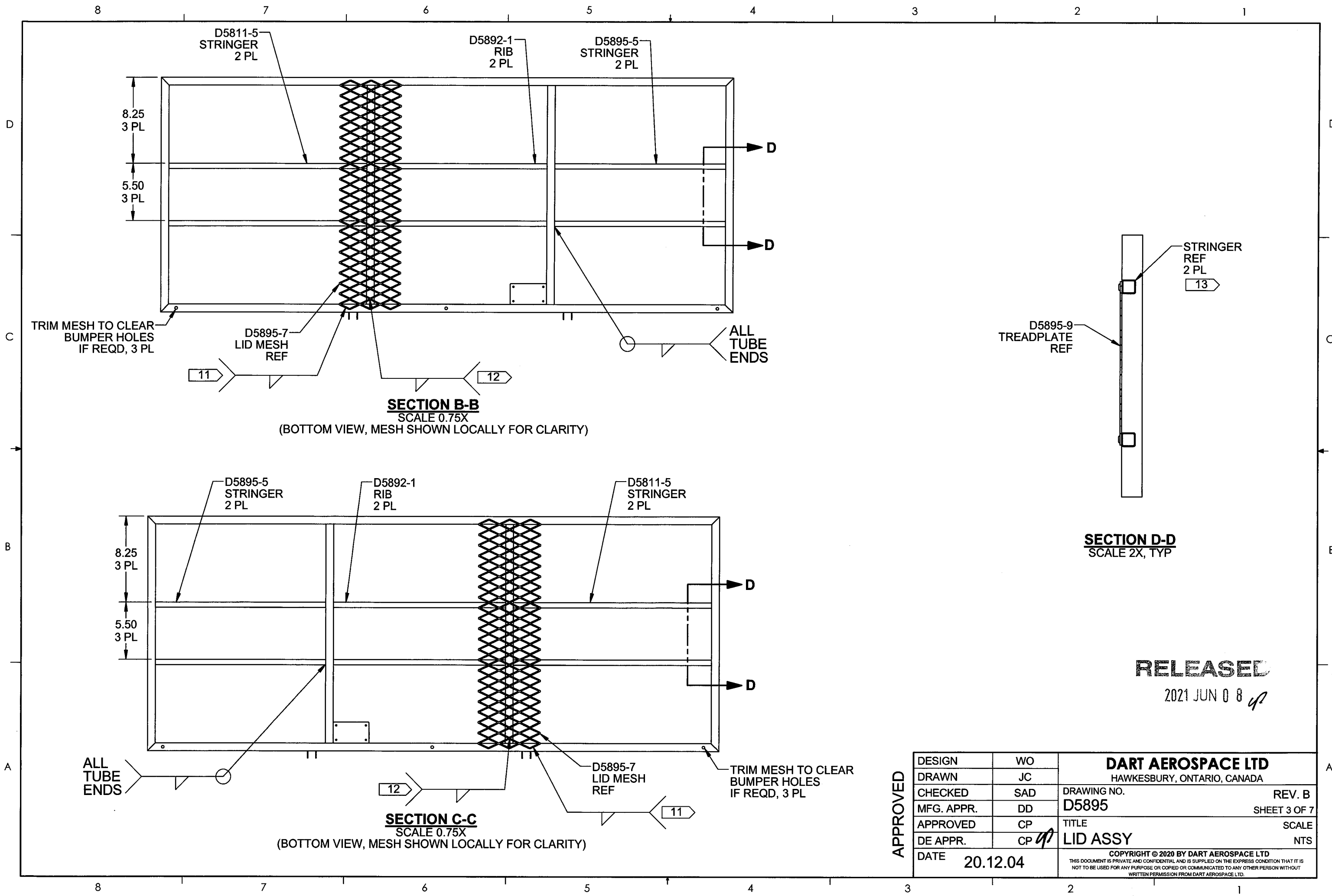


**D5895-042 LID ASSY, RH**  
(DERIVED FROM AERO DESIGN P/N 90612-01-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

- NOTES:
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: PER DART QSI 044 6.1
  - 7) WEIGHT: 13.66 lbs
  - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS.
  - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
  - 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES Ø0.129 +0.003 / -0.000 FROM TREADPLATE TO LID. FAY SEAL SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH CR3213-4 RIVETS.
  - 11) WELD EVERY MESH INTERSECTION ALONG RIM.
  - 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END, THEN EVERY 2ND MESH INTERSECTION MINIMUM.
  - 13) ALIGN STRINGERS TO TOP OF LID.
  - 14) LOCATE D5795-15 PLACARD BRACKET FLUSH WITH BOTTOM OF LID. TRIM MESH TO CLEAR BRACKET LEAVING 0.25 OVERLAP. WELD MESH TO BRACKET.

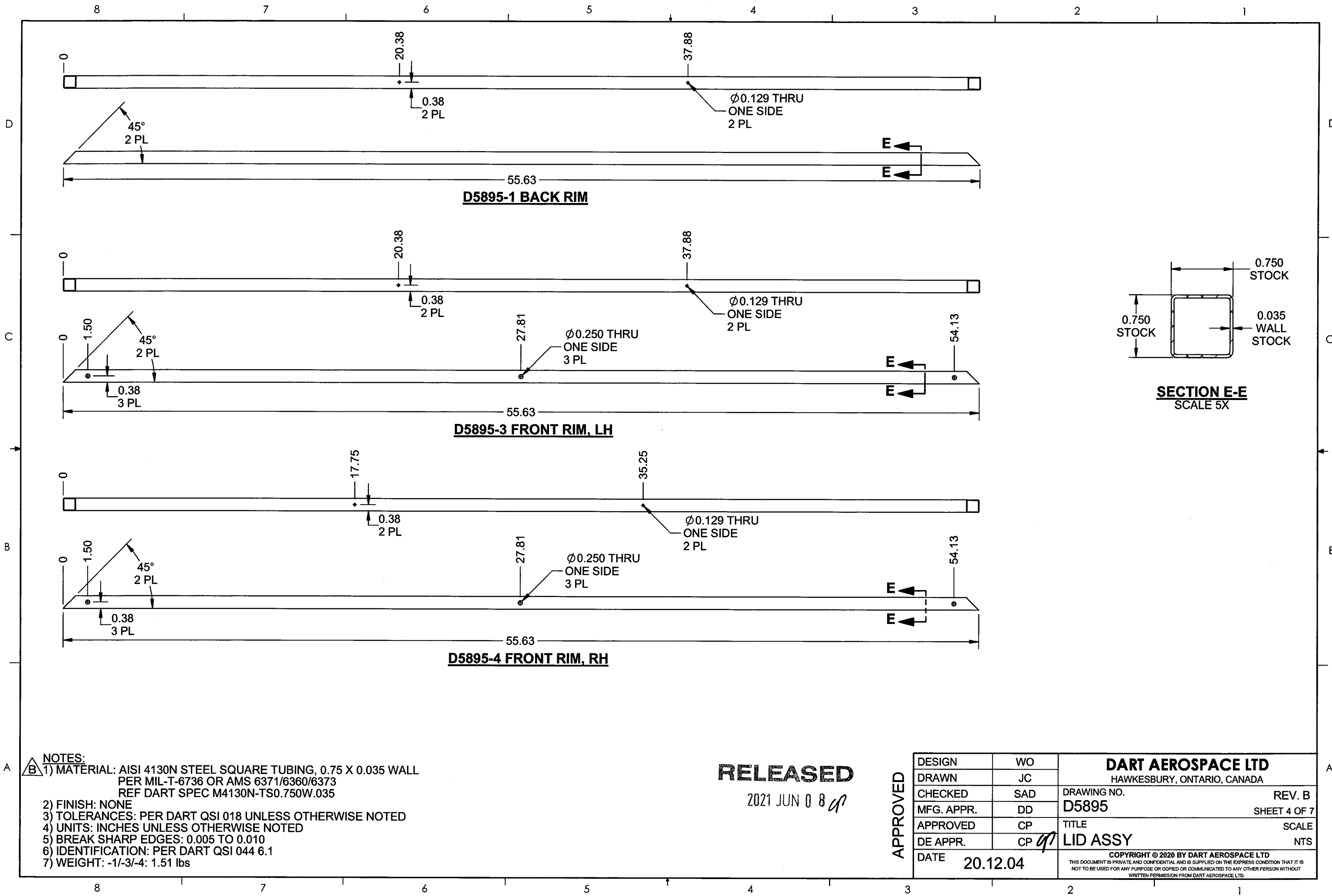
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2021 JUN 08

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	DRAWN	JC		
	CHECKED	SAD	DRAWING NO.	REV. B
	MFG. APPR.	DD	D5895	SHEET 2 OF 7
	APPROVED	CP	TITLE	SCALE
	DE APPR.	CP	LID ASSY	NTS
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CHECKED	SAD		
MFG. APPR.	DD		
APPROVED	CP		
DE APPR.	CP		
DATE	20.12.04		

DRAWING NO.	REV. B
<b>D5895</b>	SHEET 3 OF 7
TITLE	SCALE
<b>LID ASSY</b>	NTS
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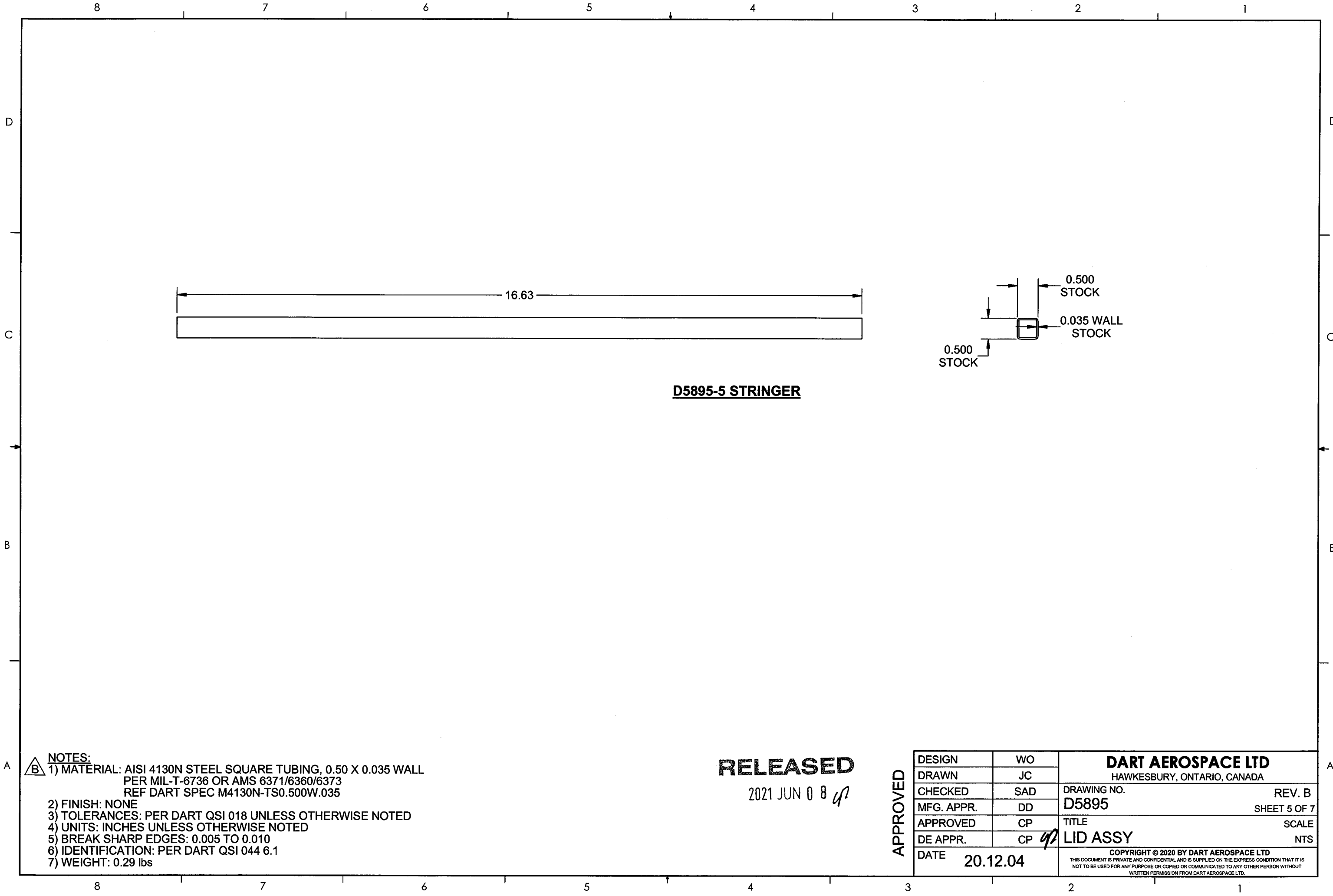


- NOTES:**
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 0.75 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6373  
REF DART SPEC M4130N-TS0.750W.035
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: PER DART QSI 044 6.1
  - 7) WEIGHT: -1/-3/-4: 1.51 lbs

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MFG. APPR.	DD	SHEET 4 OF 7	
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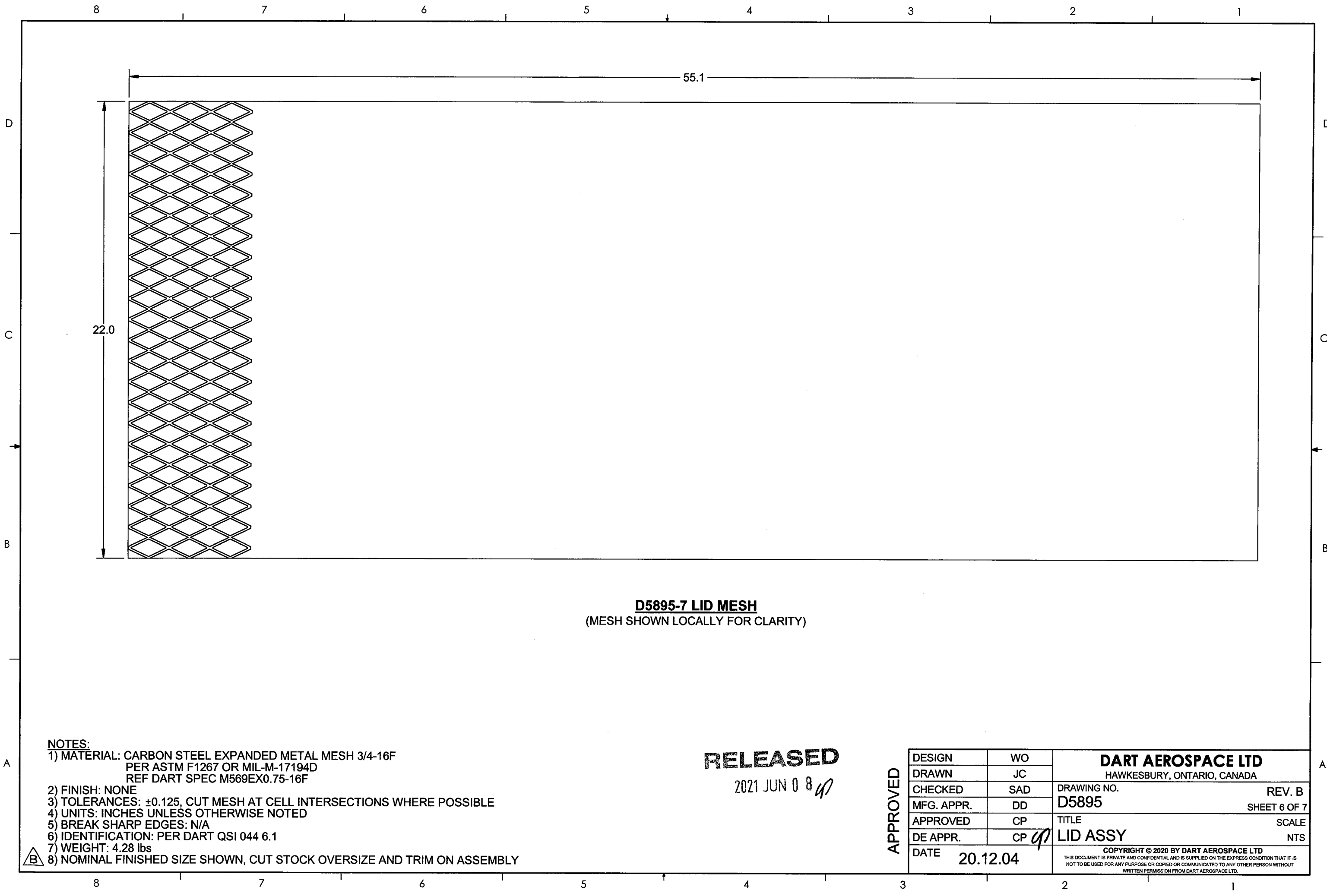
**D5895-5 STRINGER**

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DRAWN	JC		
CHECKED	SAD	DRAWING NO. <b>D5895</b>	REV. B
MFG. APPR.	DD		SHEET 5 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>qp</i>	<b>LID ASSY</b>	NTS
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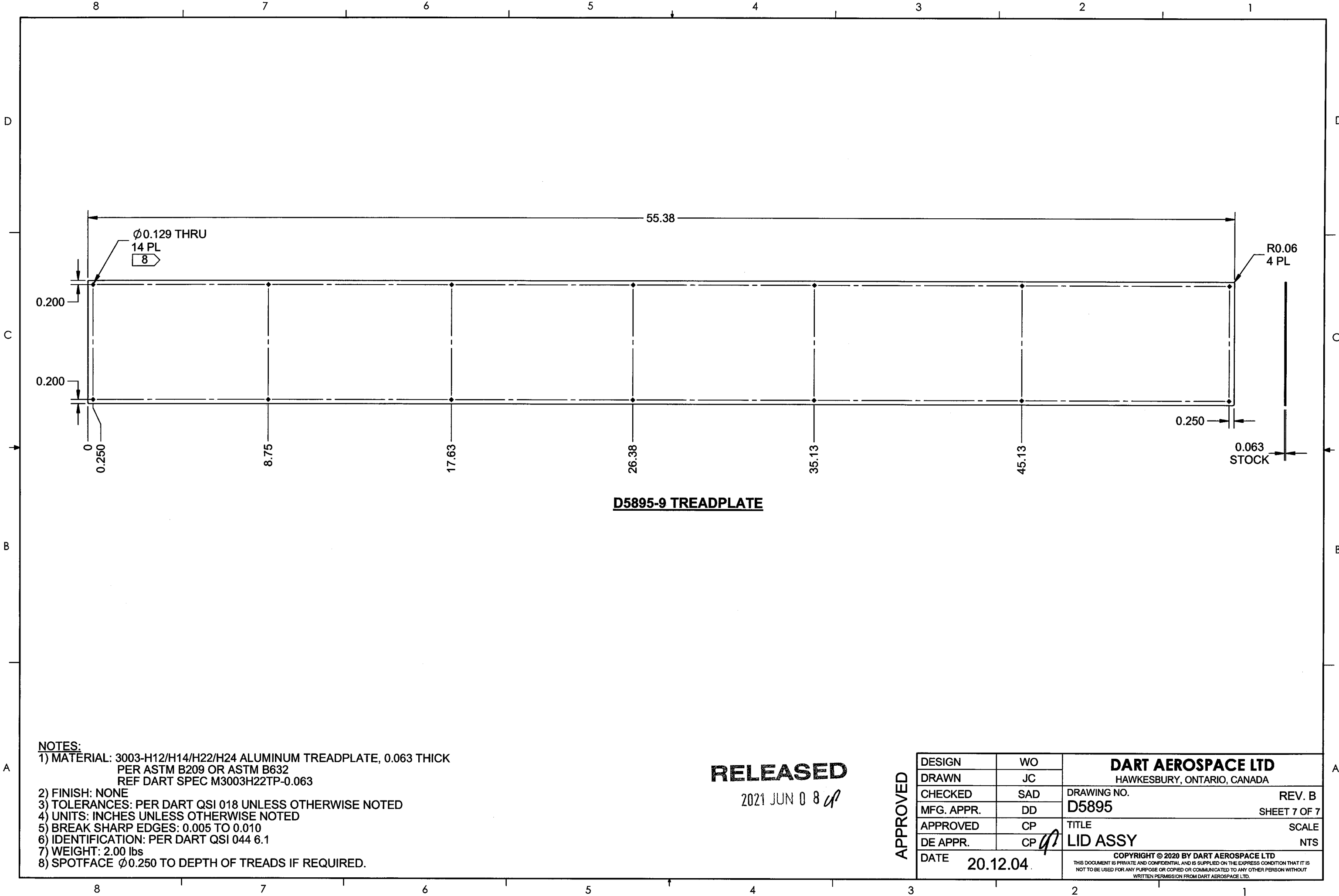
**D5895-7 LID MESH**  
(MESH SHOWN LOCALLY FOR CLARITY)

- NOTES:**
- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX0.75-16F
  - 2) FINISH: NONE
  - 3) TOLERANCES:  $\pm 0.125$ , CUT MESH AT CELL INTERSECTIONS WHERE POSSIBLE
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: PER DART QSI 044 6.1
  - 7) WEIGHT: 4.28 lbs
  - 8) NOMINAL FINISHED SIZE SHOWN, CUT STOCK OVERSIZE AND TRIM ON ASSEMBLY

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CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5895</b>	SHEET 6 OF 7
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>up</i>	<b>LID ASSY</b>	NTS
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**D5895-9 TREADPLATE**

**NOTES:**

- 1) MATERIAL: 3003-H12/H14/H22/H24 ALUMINUM TREADPLATE, 0.063 THICK  
PER ASTM B209 OR ASTM B632  
REF DART SPEC M3003H22TP-0.063
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010
- 6) IDENTIFICATION: PER DART QSI 044 6.1
- 7) WEIGHT: 2.00 lbs
- 8) SPOTFACE Ø0.250 TO DEPTH OF TREADS IF REQUIRED.

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MFG. APPR.	DD	SHEET 7 OF 7	
APPROVED	CP	TITLE	SCALE
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